10781442c.trn

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NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 3	MAR 16	CASREACT coverage extended
NEWS 4	MAR 20	MARPAT now updated daily
NEWS 5	MAR 22	LWPI reloaded
NEWS 6	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS 7	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS 8	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS 9	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS 10	APR 30	CA/CAplus enhanced with 1870-1889 U.S. patent records
NEWS 11	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS 12	MAY 01	New CAS web site launched
NEWS 13	MAY 08	CA/CAplus Indian patent publication number format defined
NEWS 14	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 15	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS 16	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS 17	MAY 21	CA/CAplus enhanced with additional kind codes for German patents
NEWS 18	MAY 22	CA/CAplus enhanced with IPC reclassification in Japanese patents
NEWS 19	JUN 27	CA/CAplus enhanced with pre-1967 CAS Registry Numbers
NEWS 20	JUN 29	STN Viewer now available
NEWS 21	JUN 29	STN Express, Version 8.2, now available
NEWS 22	JUL 02	LEMBASE coverage updated
NEWS 23	JUL 02	LMEDLINE coverage updated
NEWS 24	JUL 02	SCISEARCH enhanced with complete author names
NEWS 25	JUL 02	CHEMCATS accession numbers revised
NEWS 26	JUL 02	CA/CAplus enhanced with utility model patents from China

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:11:14 ON 12 JUL 2007

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
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Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:11:20 ON 12 JUL 2007
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 JUL 2007 HIGHEST RN 942193-36-4
DICTIONARY FILE UPDATES: 11 JUL 2007 HIGHEST RN 942193-36-4

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

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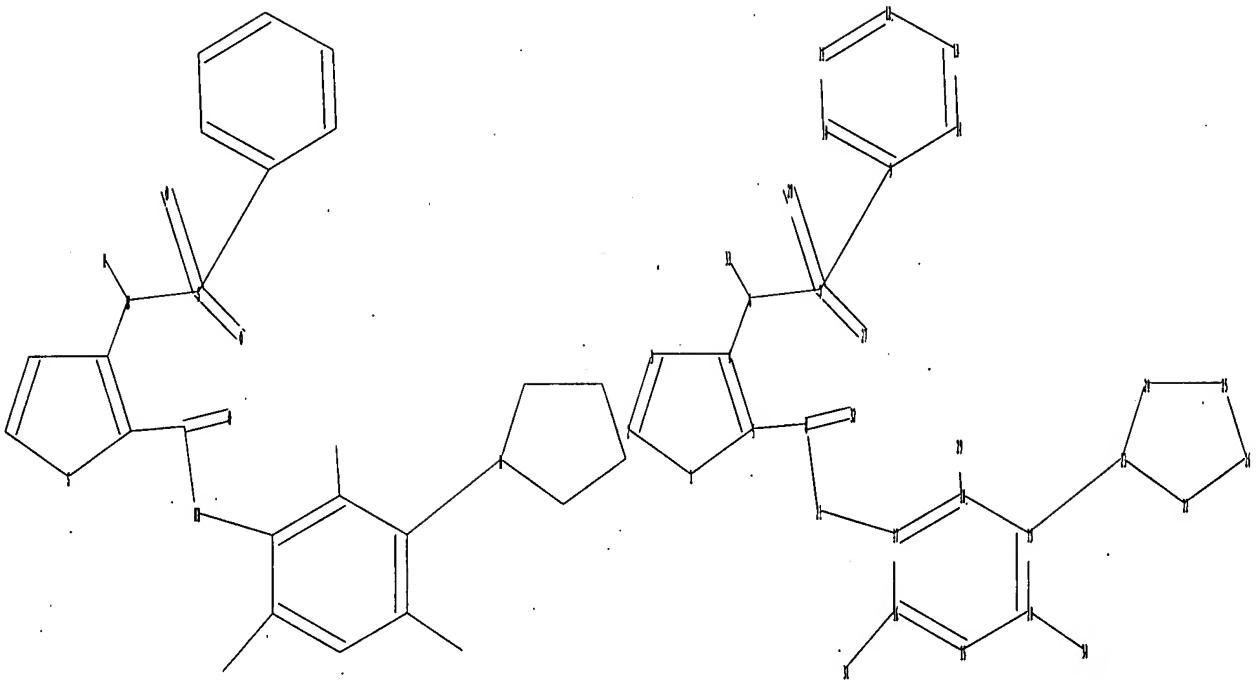
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\10781442c.str



chain nodes :
6 7 8 21 27 28 29 30 31 32 33
ring nodes :
1 2 3 4 5 9 10 11 12 13 14 15 16 17 18 19 20 22 23 24 25 26
chain bonds :
4-6 5-8 6-7 6-33 7-9 7-27 7-28 8-21 8-32 16-31 17-21 18-29 19-23 20-30

ring bonds :
1-2 1-5 2-3 3-4 4-5 9-10 9-14 10-11 11-12 12-13 13-14 15-16 15-20
16-17 17-18 18-19 19-20 22-23 22-26 23-24 24-25 25-26
exact/norm bonds :
4-6 6-7 7-9 7-27 7-28 8-21 8-32 17-21 19-23 22-23 23-24
exact bonds :
1-2 1-5 2-3 3-4 4-5 5-8 6-33 16-31 18-29 20-30 22-26 24-25 25-26
normalized bonds :
9-10 9-14 10-11 11-12 12-13 13-14 15-16 15-20 16-17 17-18 18-19 19-20
isolated ring systems :
containing 1 : 9 : 15 : 22 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:CLASS 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS 28:CLASS
29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS

L1 STRUCTURE UPLOADED

=> d l1

```
L1 HAS NO ANSWERS
L1              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s l1
SAMPLE SEARCH INITIATED 14:12:36 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      25 TO ITERATE

100.0% PROCESSED       25 ITERATIONS                                 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          200 TO      800
PROJECTED ANSWERS:               1 TO       80

L2            1 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 14:12:42 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      481 TO ITERATE

100.0% PROCESSED      481 ITERATIONS                                24 ANSWERS
SEARCH TIME: 00.00.01

L3           24 SEA SSS FUL L1

=> FIL HCAPLUS
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   172.55     172.76

FILE 'HCAPLUS' ENTERED AT 14:12:49 ON 12 JUL 2007
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FILE COVERS 1907 - 12 Jul 2007  VOL 147 ISS 3
FILE LAST UPDATED: 11 Jul 2007  (20070711/ED)

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 This file contains CAS Registry Numbers for easy and accurate
 substance identification.
```

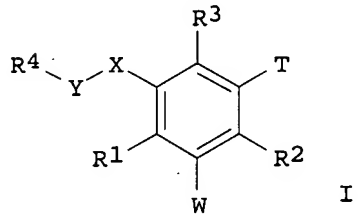
=> s l3
L4 2 L3

=> d l4 ibib abs hitstr tot

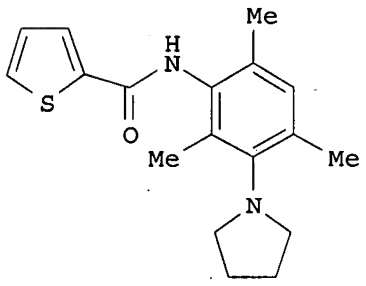
L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:185392 HCAPLUS
DOCUMENT NUMBER: 142:280229
TITLE: A preparation of urotensin II receptor antagonists and CCR-9 antagonists
INVENTOR(S): Wu, Chengde; Anderson, C. Eric; Bui, Huong; Gao, Daxin; Kassir, Jamal; Li, Wen; Wang, Junmei; Biediger, Ronald; Chen, Jie; Market, Robert V.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 33 pp., Cont.-in-part of U.S. Ser. No. 781,442.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2005049286	A1	20050303	US 2004-924180		20040823
US 2004180892	A1	20040916	US 2004-781442		20040218
PRIORITY APPLN. INFO.:			US 2003-448791P	P	20030220
			US 2004-781442	A2	20040218

OTHER SOURCE(S): MARPAT 142:280229
GI



I



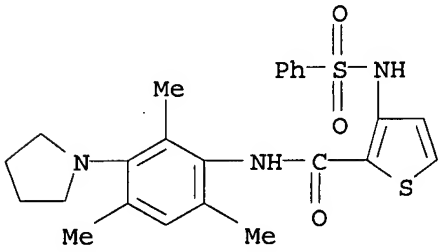
II

AB The invention relates to a preparation of urotensin II receptor antagonists and CCR-9 antagonists of formula I [wherein: R1, R2, and R3 are independently

selected from H, halogen, alkyl, aryl, or CN, etc.; X is CH2, O, or NH, etc.; Y is SO2, C(O), CH2SO2, NHC(O), or NHSO2, etc.; T and W are independently selected from H, (cyclo)alkyl, alkoxy, aryl, or halogen, etc.; R4 is aryl, heterocyclyl, or cycloalkyl]. For instance, thiophenecarboxamide derivative II was prepared via amidation of thiophene-2-carboxylic acid by [2,4,6-trimethyl-3-(pyrrolidin-1-yl)phenyl]amine. The invention compds. were tested for inhibition of human urotensin II-induced Ca2+ mobilization in UTR cells (IC50 > 0.5 μM).

IT 749268-38-0P 847414-30-6P 847414-31-7P
847414-33-9P 847414-34-0P 847414-35-1P
847414-36-2P 847414-37-3P 847414-38-4P
847414-39-5P 847414-40-8P 847414-41-9P
847414-42-0P 847414-43-1P 847414-44-2P
847414-45-3P 847414-46-4P 847414-47-5P
847414-48-6P 847414-49-7P 847414-50-0P
847414-51-1P 847414-52-2P 847414-53-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of urotensin II receptor antagonists and CCR-9 antagonists)

RN 749268-38-0 HCAPLUS
CN 2-Thiophenecarboxamide, 3-[(phenylsulfonyl)amino]-N-[2,4,6-trimethyl-3-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 847414-30-6 HCAPLUS
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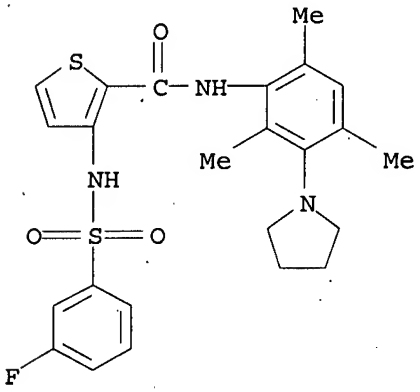

RN 847414-31-7 HCAPLUS
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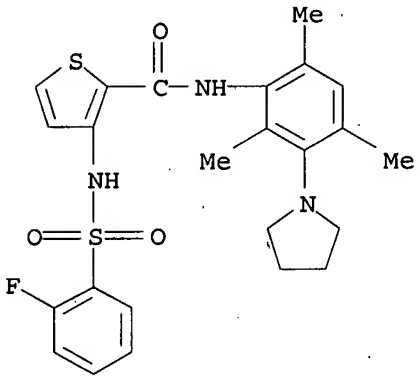
trimethyl-3-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 847414-33-9 HCAPLUS
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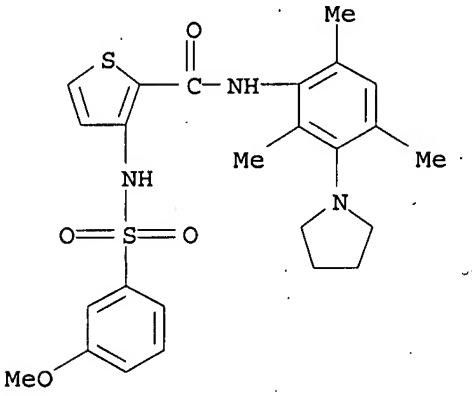

RN 847414-34-0 HCAPLUS
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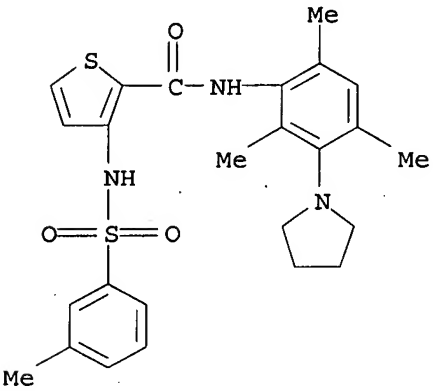

RN 847414-35-1 HCAPLUS
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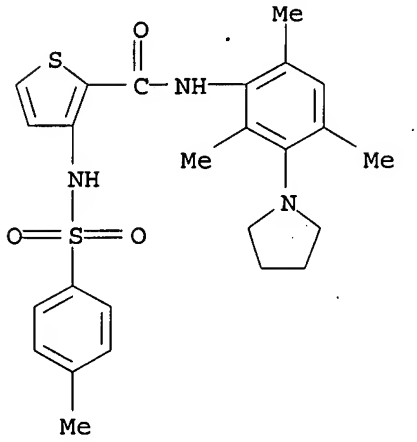

RN 847414-36-2 HCAPLUS
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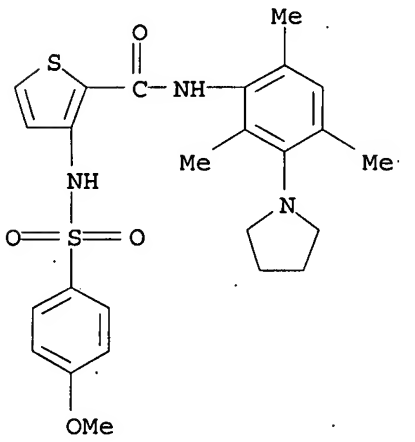

RN 847414-37-3 HCAPLUS
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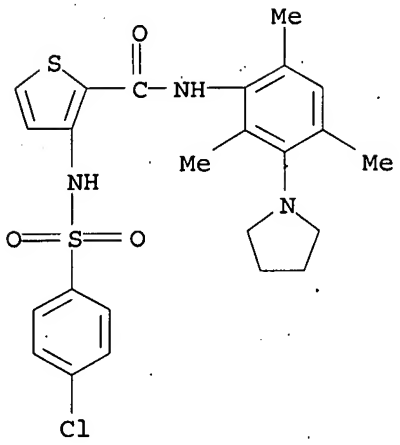
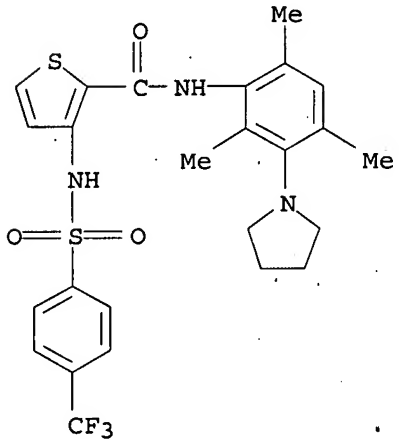


RN 847414-38-4 HCAPLUS
CN 2-Thiophenecarboxamide, 3-[[[4-(trifluoromethyl)phenyl]sulfonyl]amino]-N-[2,4,6-trimethyl-3-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 847414-39-5 HCAPLUS
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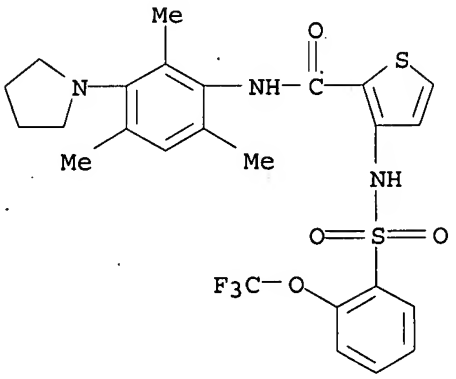

RN 847414-40-8 HCAPLUS
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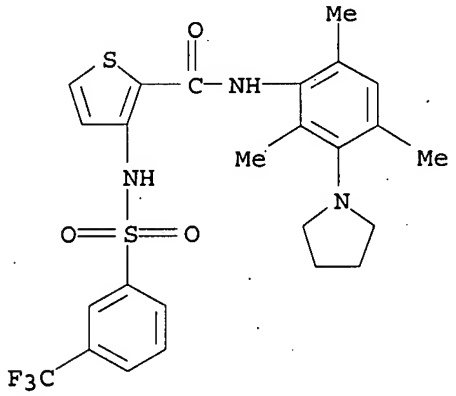

RN 847414-41-9 HCAPLUS
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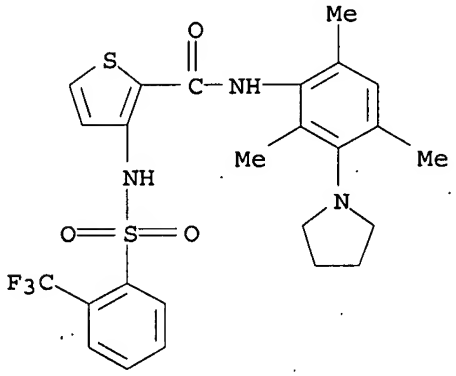

RN 847414-42-0 HCAPLUS
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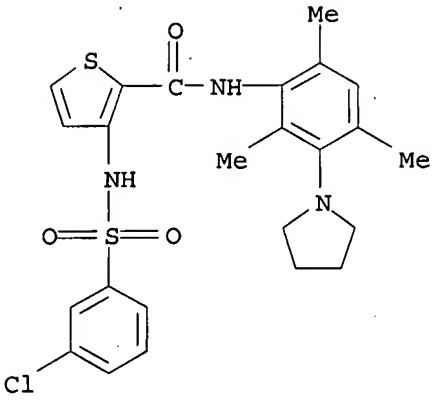

RN 847414-43-1 HCAPLUS
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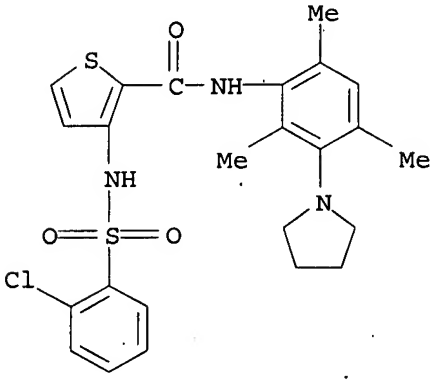

RN 847414-44-2 HCAPLUS
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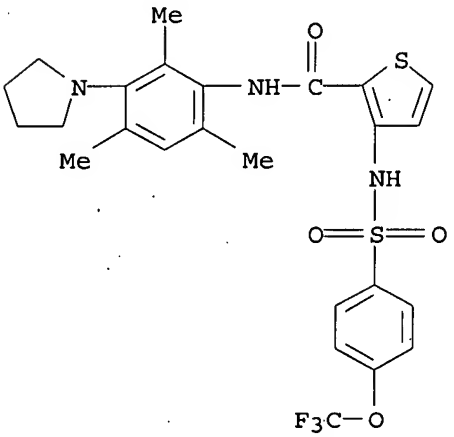

RN 847414-45-3 HCAPLUS
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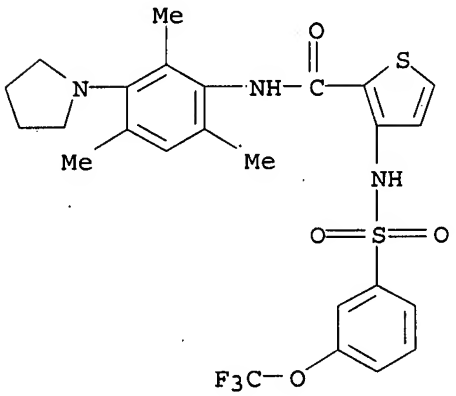

RN 847414-46-4 HCAPLUS
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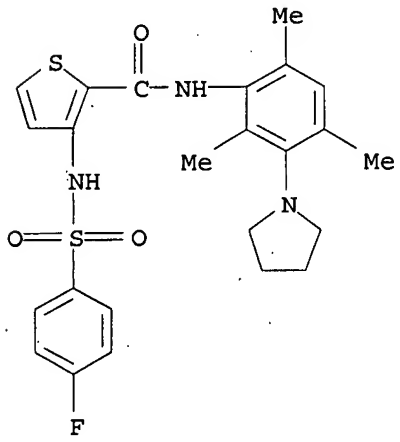

RN 847414-47-5 HCAPLUS
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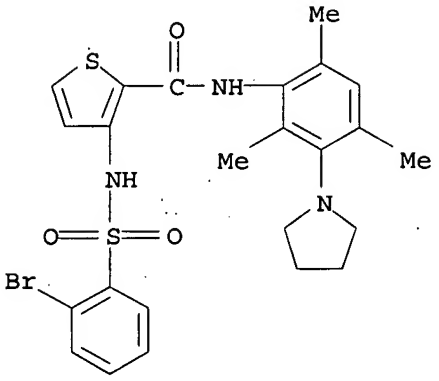

RN 847414-48-6 HCAPLUS
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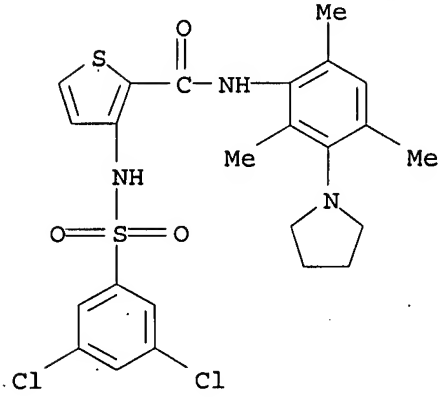
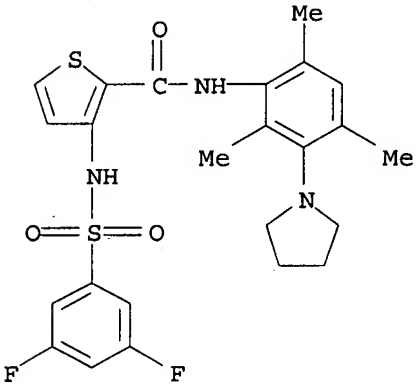
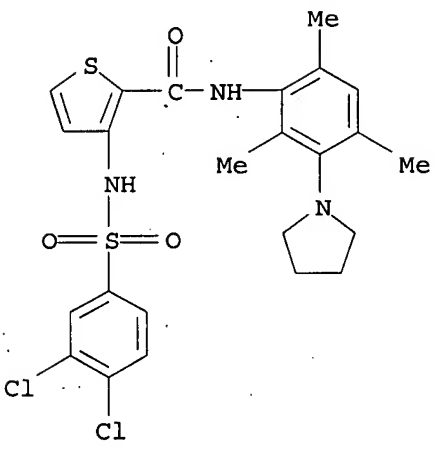


RN 847414-49-7 HCAPLUS
CN 2-Thiophenecarboxamide, 3-[[(3,5-difluorophenyl)sulfonyl]amino]-N-[2,4,6-trimethyl-3-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)

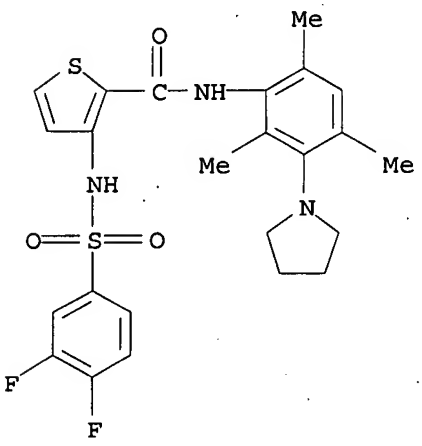


RN 847414-50-0 HCAPLUS
CN 2-Thiophenecarboxamide, 3-[[(3,4-dichlorophenyl)sulfonyl]amino]-N-[2,4,6-

trimethyl-3-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 847414-51-1 HCAPLUS
CN 2-Thiophenecarboxamide, 3-[[(3,4-difluorophenyl)sulfonyl]amino]-N-[2,4,6-trimethyl-3-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 847414-52-2 HCAPLUS
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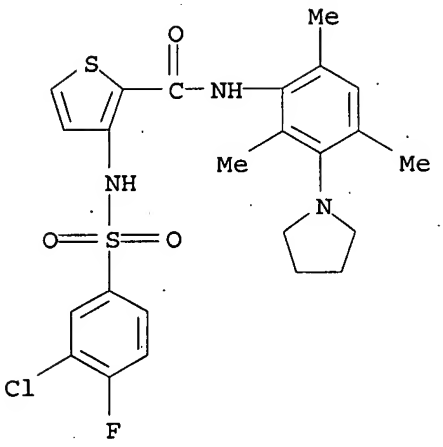

RN 847414-53-3 HCAPLUS
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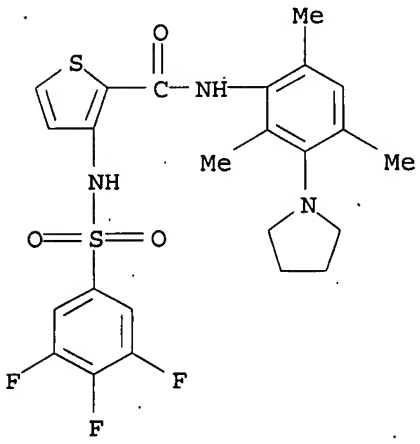

L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:718308 HCAPLUS
DOCUMENT NUMBER: 141:243188
TITLE: Preparation of phenylenediamine and thiophene carboxylic amide derivatives as urotensin-II receptor antagonists and CCR-9 antagonists
INVENTOR(S): Wu, Chengde; Anderson, Eric C.; Bui, Huong; Gao, Daxin; Kassir, Jamal; Li, Wen; Wang, Junmei; Market, Robert V.
PATENT ASSIGNEE(S): Encysive Pharmaceuticals Inc., USA
SOURCE: PCT Int. Appl., 84 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004073634	A2	20040902	WO 2004-US4645	20040218
WO 2004073634	A3	20060914		
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RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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CA 2515780	A1	20040902	CA 2004-2515780	20040218
EP 1610753	A2	20060104	EP 2004-712313	20040218
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2006519785	T	20060831	JP 2006-503636	20040218
PRIORITY APPLN. INFO.:			US 2003-448791P	P 20030220
			WO 2004-US4645	W 20040218

OTHER SOURCE(S): MARPAT 141:243188

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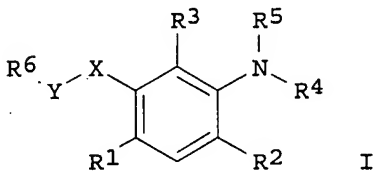

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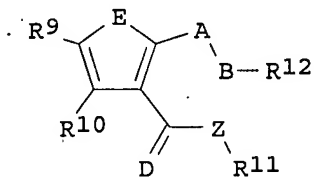

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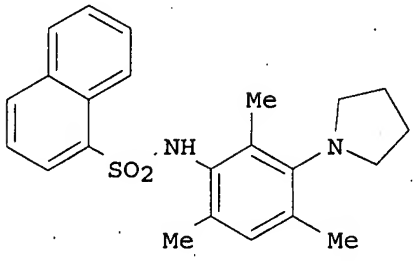


III

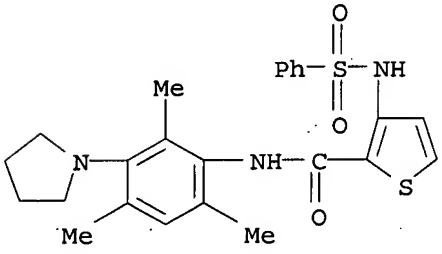
AB The title compds. I and II [R1, R2, R3 = H, halo, alkyl, aryl, aralkyl, CN, CF3, etc.; X = N, CH2, or O; Y = SO2, CO, CH2SO2, CH2CO, NHCO, OCO, or NHSO2; R4 = alkyl, aralkyl or (hetero)aryl, R5 = R1, or Z-NR7R8, or R4, R5 taken together with N can form a 5 or 6 membered ring; Z = (CH2)n, where n = 0-6; R6 = (hetero)aryl, Z-NR7R8; R7, R8 = H, alkyl, aryl, aralkyl or together with N form a pyrrolidine, piperazine, piperidine, or morpholine ring; E = substituted amino, O, S, CR13=CR14, or CR13=N, where R13, R14 = alkyl, (hetero)aryl, halo, OH, alkoxy, etc.; D = substituted amino, O, or

S; Z = NR15 or CR15R15 where each R15 = H, alkyl, aryl, or heteroaryl; A = (substituted)amino, CO, or SO2; when A =(substituted)amino, B = SO2, CO2, or C16R16, where R16 = H, alkyl, aryl, or heteroaryl; when A = CO or SO2, B = (substituted)amino; R9, R10 = H, alkyl, (hetero)aryl, halo, OH, Alkoxy, or (substituted)amino; R11, R12 = H, alkyl, or (hetero)aryl] were prepared as urotensin-II receptor antagonists and CCR-9 antagonists for the treatment of congestive heart failure, stroke, ischemic heart disease, etc. For example, reaction of 2,4,6-trimethyl-3-pyrrolidin-1-yl-phenylamine (preparation given) with 1-naphthalenesulfonyl chloride yielded compound III. The latter showed an IC50 = 10 μM in the assay of human urotensin-II-induced CA2+ mobilization in UTR cells.

IT 749268-38-0P, 3-Benzenesulfonylamino-N-(2,4,6-trimethyl-3-pyrrolidin-1-yl-phenyl)-thiophene-2-carboxamide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(Preparation of phenylenediamine and thiophene carboxylic amide derivs. as urotensin-II receptor antagonists and CCR-9 antagonists)

RN 749268-38-0 HCAPLUS

CN 2-Thiophenecarboxamide, 3-[(phenylsulfonyl)amino]-N-[2,4,6-trimethyl-3-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	20.94	193.70

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.56	-1.56

FILE 'REGISTRY' ENTERED AT 14:15:30 ON 12 JUL 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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STRUCTURE FILE UPDATES: 11 JUL 2007 HIGHEST RN 942193-36-4
DICTIONARY FILE UPDATES: 11 JUL 2007 HIGHEST RN 942193-36-4

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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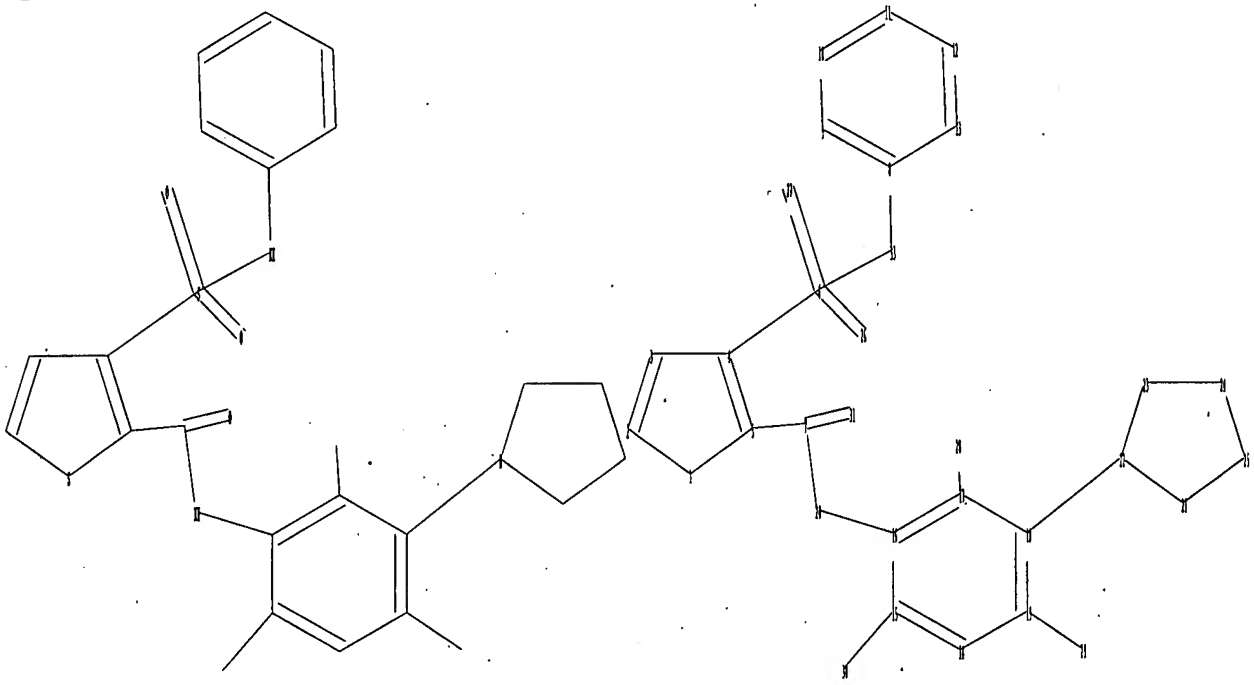
Uploading C:\Program Files\Stnexp\Queries\10781442d.str



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6 7 20 26 27 28 29 30 31 33
ring nodes :
1 2 3 4 5 8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24 25
chain bonds :
4-6 5-7 6-27 6-26 6-33 7-20 7-31 8-33 15-30 16-20 17-28 18-22 19-29
ring bonds :
1-2 1-5 2-3 3-4 4-5 8-9 8-13 9-10 10-11 11-12 12-13 14-15 14-19 15-16
16-17 17-18 18-19 21-22 21-25 22-23 23-24 24-25
exact/norm bonds :
4-6 6-27 6-26 6-33 7-20 7-31 8-33 16-20 18-22 21-22 22-23
exact bonds :
1-2 1-5 2-3 3-4 4-5 5-7 15-30 17-28 19-29 21-25 23-24 24-25
normalized bonds :
8-9 8-13 9-10 10-11 11-12 12-13 14-15 14-19 15-16 16-17 17-18 18-19
isolated ring systems :
containing 1 : 8 : 14 : 21 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:CLASS 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:CLASS 27:CLASS 28:CLASS

:CLASS

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L5      STRUCTURE UPLOADED

=> d l5
L5 HAS NO ANSWERS
L5              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


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SAMPLE SCREEN SEARCH COMPLETED -       40 TO ITERATE

100.0% PROCESSED       40 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          421 TO     1179
PROJECTED ANSWERS:               0 TO        0

L6             0 SEA SSS SAM L5

=> s l5 sss full
FULL SEARCH INITIATED 14:16:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    800 TO ITERATE

100.0% PROCESSED      800 ITERATIONS                                4 ANSWERS
SEARCH TIME: 00.00.01

L7             4 SEA SSS FUL L5

=> FIL HCAPLUS
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               172.10     365.80

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)    SINCE FILE      TOTAL
                                                   ENTRY    SESSION
CA SUBSCRIBER PRICE                                 0.00      -1.56

FILE 'HCAPLUS' ENTERED AT 14:16:05 ON 12 JUL 2007
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FILE COVERS 1907 - 12 Jul 2007 VOL 147 ISS 3
FILE LAST UPDATED: 11 Jul 2007 (20070711/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l7
L8 2 L7

=> d l8 ibib abs hitstr tot

L8 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:185392 HCAPLUS
DOCUMENT NUMBER: 142:280229
TITLE: A preparation of urotensin II receptor antagonists and CGK-9 antagonists
INVENTOR(S): Wu, Chengde; Anderson, C. Eric; Bui, Huong; Gao, Daxin; Kassir, Jamal; Li, Wen; Wang, Junmei; Biediger, Ronald; Chen, Jie; Market, Robert V.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 33 pp., Cont.-in-part of U.S. Ser. No. 781,442.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2005049286	A1	20050303	US 2004-924180		20040823
US 2004180892	A1	20040916	US 2004-781442		20040218
PRIORITY APPLN. INFO.:			US 2003-448791P	P	20030220
			US 2004-781442	A2	20040218

OTHER SOURCE(S): MARPAT 142:280229
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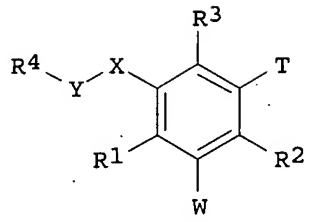

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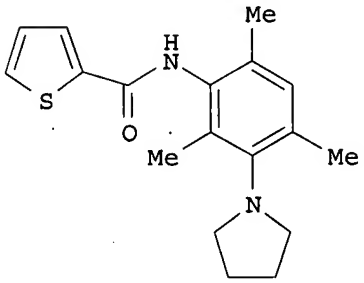

II

AB The invention relates to a preparation of urotensin II receptor antagonists and CCR-9 antagonists of formula I [wherein: R1, R2, and R3 are independently selected from H, halogen, alkyl, aryl, or CN, etc.; X is CH2, O, or NH, etc.; Y is SO2, C(O), CH2SO2, NHC(O), or NHSO2, etc.; T and W are independently selected from H, (cyclo)alkyl, alkoxy, aryl, or halogen, etc.; R4 is aryl, heterocyclyl, or cycloalkyl]. For instance, thiophenecarboxamide derivative II was prepared via amidation of thiophene-2-carboxylic acid by [2,4,6-trimethyl-3-(pyrrolidin-1-yl)phenyl]amine. The invention compds. were tested for inhibition of human urotensin II-induced Ca2+ mobilization in UTR cells (IC50 > 0.5 μM).

IT 749268-37-9P 847414-62-4P 847414-63-5P
847414-64-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of urotensin II receptor antagonists and CCR-9 antagonists)

RN 749268-37-9 HCAPLUS

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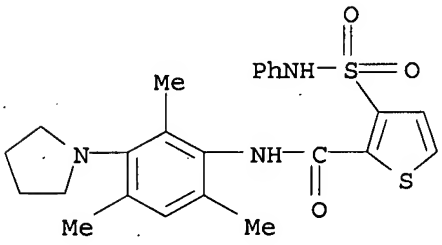

RN 847414-62-4 HCAPLUS

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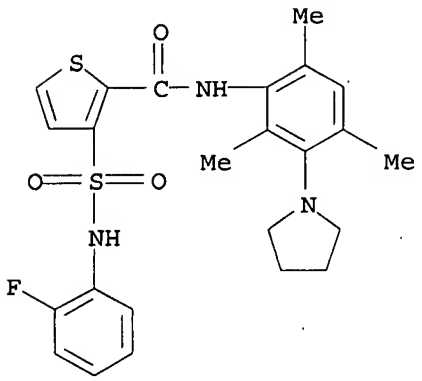
trimethyl-3-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 847414-63-5 HCAPLUS
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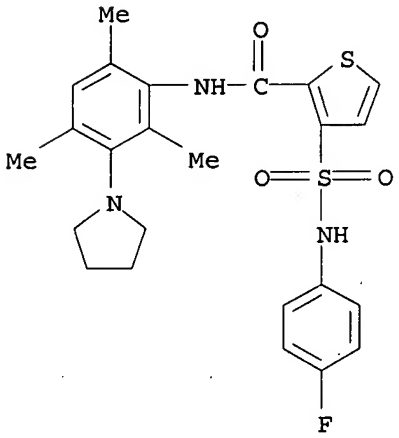

RN 847414-64-6 HCAPLUS
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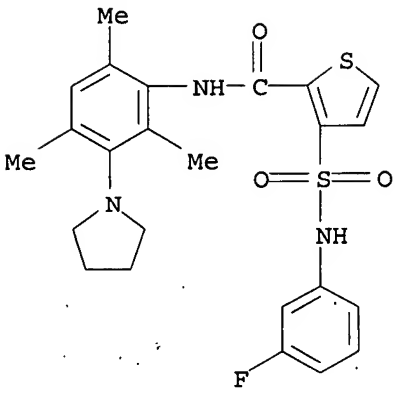

L8 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:718308 HCAPLUS
DOCUMENT NUMBER: 141:243188
TITLE: Preparation of phenylenediamine and thiophene carboxylic amide derivatives as urotensin-II receptor antagonists and CCR-9 antagonists
INVENTOR(S): Wu, Chengde; Anderson, Eric C.; Bui, Huong; Gao, Daxin; Kassir, Jamal; Li, Wen; Wang, Junmei; Market, Robert V.
PATENT ASSIGNEE(S): Encysive Pharmaceuticals Inc., USA
SOURCE: PCT Int. Appl., 84 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004073634	A2	20040902	WO 2004-US4645	20040218
WO 2004073634	A3	20060914		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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EP 1610753	A2	20060104	EP 2004-712313	20040218
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2006519785	T	20060831	JP 2006-503636	20040218

PRIORITY APPLN. INFO.: US 2003-448791P P 20030220
WO 2004-US4645 W 20040218

OTHER SOURCE(S): MARPAT 141:243188
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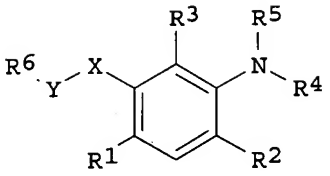

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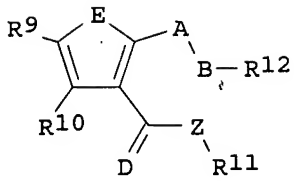

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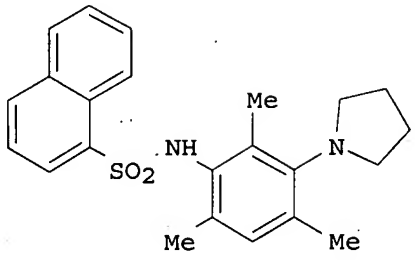


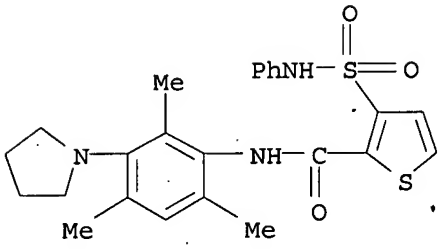
III

AB The title compds. I and II [R1, R2, R3 = H, halo, alkyl, aryl, aralkyl, CN, CF3, etc.; X = N, CH2, or O; Y = SO2, CO, CH2SO2, CH2CO, NHCO, OCO, or NHSO2; R4 = alkyl, aralkyl or (hetero)aryl, R5 = R1, or Z-NR7R8, or R4, R5 taken together with N can form a 5 or 6 membered ring; Z = (CH2)n, where n = 0-6; R6 = (hetero)aryl, Z-NR7R8; R7, R8 = H, alkyl, aryl, aralkyl or together with N form a pyrrolidine, piperazine, piperidine, or morpholine ring; E = substituted amino, O, S, CR13=CR14, or CR13=N, where R13, R14 = alkyl, (hetero)aryl, halo, OH, alkoxy, etc.; D = substituted amino, O, or S; Z = NR15 or CR15R15 where each R15 = H, alkyl, aryl, or heteroaryl; A = (substituted)amino, CO, or SO2; when A =(substituted)amino, B = SO2, CO2, or C16R16, where R16 = H, alkyl, aryl, or heteroaryl; when A = CO or SO2, B = (substituted)amino; R9, R10 = H, alkyl, (hetero)aryl, halo, OH, Alkoxy, or (substituted)amino; R11, R12 = H, alkyl, or (hetero)aryl] were prepared as urotensin-II receptor antagonists and CCR-9 antagonists for the treatment of congestive heart failure, stroke, ischemic heart disease, etc. For example, reaction of 2,4,6-trimethyl-3-pyrrolidin-1-yl-phenylamine (preparation given) with 1-naphthalenesulfonyl chloride yielded compound III. The latter showed an IC50 = 10 μM in the assay of human urotensin-II-induced CA2+ mobilization in UTR cells.

IT 749268-37-9P, 3-Phenylaminosulfonyl-N-(2,4,6-trimethyl-3-pyrrolidin-1-yl-phenyl)-thiophene-2-carboxamide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(Preparation of phenylenediamine and thiophene carboxylic amide derivs. as urotensin-II receptor antagonists and CCR-9 antagonists)

RN 749268-37-9 HCAPLUS

CN 2-Thiophenecarboxamide, 3-[(phenylamino)sulfonyl]-N-[2,4,6-trimethyl-3-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)



=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	26.14	391.94

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.56	-3.12

STN INTERNATIONAL LOGOFF AT 14:19:48 ON 12 JUL 2007

10781442.trn

NEW 2

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1626GMS

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 3	MAR 16	CASREACT coverage extended
NEWS 4	MAR 20	MARPAT now updated daily
NEWS 5	MAR 22	LWPI reloaded
NEWS 6	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS 7	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS 8	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS 9	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS 10	APR 30	CA/CAplus enhanced with 1870-1889 U.S. patent records
NEWS 11	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS 12	MAY 01	New CAS web site launched
NEWS 13	MAY 08	CA/CAplus Indian patent publication number format defined
NEWS 14	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 15	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS 16	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS 17	MAY 21	CA/CAplus enhanced with additional kind codes for German patents
NEWS 18	MAY 22	CA/CAplus enhanced with IPC reclassification in Japanese patents
NEWS 19	JUN 27	CA/CAplus enhanced with pre-1967 CAS Registry Numbers
NEWS 20	JUN 29	STN Viewer now available
NEWS 21	JUN 29	STN Express, Version 8.2, now available
NEWS 22	JUL 02	LEMBASE coverage updated
NEWS 23	JUL 02	LMEDLINE coverage updated
NEWS 24	JUL 02	SCISEARCH enhanced with complete author names
NEWS 25	JUL 02	CHEMCATS accession numbers revised
NEWS 26	JUL 02	CA/CAplus enhanced with utility model patents from China

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation

of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:18:39 ON 12 JUL 2007

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 13:19:04 ON 12 JUL 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 JUL 2007 HIGHEST RN 942193-36-4
DICTIONARY FILE UPDATES: 11 JUL 2007 HIGHEST RN 942193-36-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

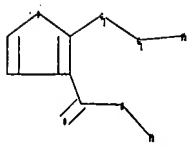
TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

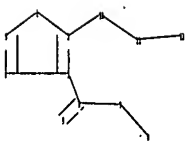
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\10781442.str





chain nodes :
6 7 8 9 10 11 12
ring nodes :
1 2 3 4 5
chain bonds :
2-10 3-6 6-7 6-9 7-8 10-11 11-12
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
2-10 6-7 6-9 10-11 11-12
exact bonds :
1-2 1-5 2-3 3-4 3-6 4-5 7-8
isolated ring systems :
containing 1 :

G1:SO2,NH,N

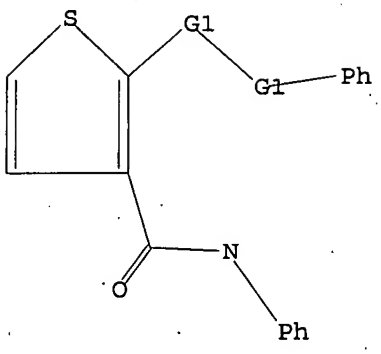
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS

L1 STRUCTURE UPLOADED

=> D L1
L1 HAS NO ANSWERS

10781442.trn

L1 STR



G1 SO2,NH,N

Structure attributes must be viewed using STN Express query preparation.

=> S L1
SAMPLE SEARCH INITIATED 13:19:19 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 159 TO ITERATE

100.0% PROCESSED 159 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2424 TO 3936
PROJECTED ANSWERS: 0 TO 0

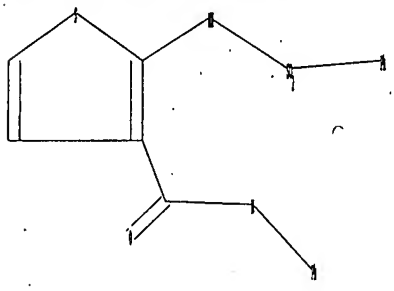
L2 0 SEA SSS SAM L1

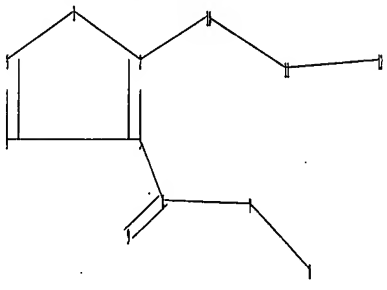
=> S L1 SSS FULL
FULL SEARCH INITIATED 13:19:26 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3278 TO ITERATE

100.0% PROCESSED 3278 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>
Uploading C:\Program Files\Stnexp\Queries\10781442a.str





chain nodes :
6 7 8 9 10 11 12

10781442.trn

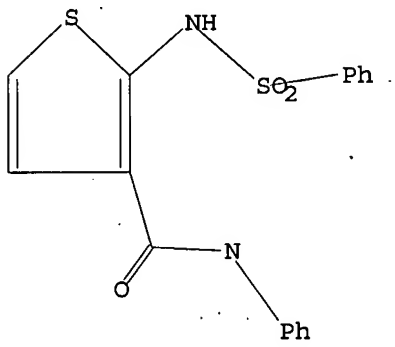
ring nodes :
1 2 3 4 5
chain bonds :
2-10 3-6 6-7 6-9 7-8 10-11 11-12
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
2-10 6-7 6-9 10-11
exact bonds :
1-2 1-5 2-3 3-4 3-6 4-5 7-8 11-12
isolated ring systems :
containing 1 :

G1:SO2,NH,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS

L4 STRUCTURE UPLOADED

=> d l4
L4 HAS NO ANSWERS
L4 STR



G1 SO2,NH,N

Structure attributes must be viewed using STN Express query preparation.

=> s l4
SAMPLE SEARCH INITIATED 13:22:32 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 14 TO ITERATE

100.0% PROCESSED 14 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 56 TO 504
PROJECTED ANSWERS: 0 TO 0

10781442.trn

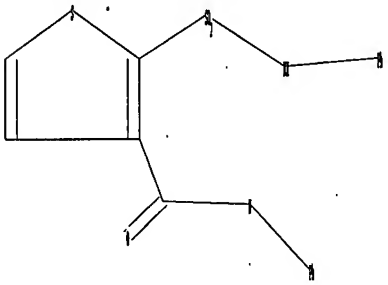
L5 0 SEA SSS SAM L4

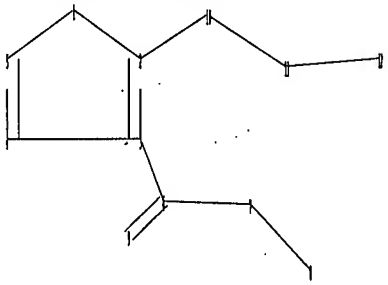
=> s l4 sss full
FULL SEARCH INITIATED 13:22:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 351 TO ITERATE

100.0% PROCESSED 351 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L6 0 SEA SSS FUL L4

=>
Uploading C:\Program Files\Stnexp\Queries\10781442b.str





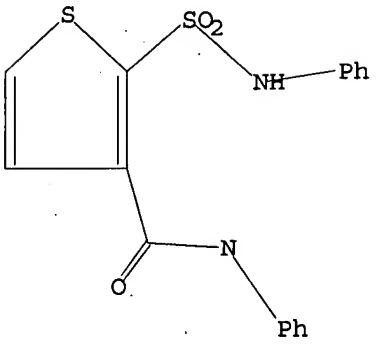
chain nodes :
6 7 8 9 10 11 12
ring nodes :
1 2 3 4 5
chain bonds :
2-10 3-6 6-7 6-9 7-8 10-11 11-12
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
6-7 6-9 10-11
exact bonds :
1-2 1-5 2-3 2-10 3-4 3-6 4-5 7-8 11-12
isolated ring systems :
containing 1 :

G1:SO2,NH,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS

L7 STRUCTURE UPLOADED

=> d l7
L7 HAS NO ANSWERS
L7 STR



G1 SO2,NH,N

Structure attributes must be viewed using STN Express query preparation.

```
=> s l7
SAMPLE SEARCH INITIATED 13:24:05 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -        0 TO ITERATE

100.0% PROCESSED         0 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            0 TO         0
PROJECTED ANSWERS:               0 TO         0

L8             0 SEA SSS SAM L7

=> s l7 sss full
FULL SEARCH INITIATED 13:24:11 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       15 TO ITERATE

100.0% PROCESSED        15 ITERATIONS                               0 ANSWERS
SEARCH TIME: 00.00.01

L9             0 SEA SSS FUL L7

=> log y
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   519.90     520.11

STN INTERNATIONAL LOGOFF AT 13:25:32 ON 12 JUL 2007
```